

What is claimed is:

[Claim 1] 1. A feedback circuit structure for a backlight module, comprising:

a substrate;

a plurality of tube contacts, disposed on the substrate;

a plurality of independent feedback contacts, disposed on the substrate, wherein each independent feedback contact is coupled to one of the tube contacts; and

a common ground feedback contact, disposed on the substrate such that the common ground feedback contact is coupled to one of the independent feedback contacts.

[Claim 2] 2. The feedback circuit structure of claim 1, wherein the structure further comprises an independent feedback plugging stand disposed on the substrate such that the independent feedback contacts are coupled to the independent feedback plugging stand.

[Claim 3] 3. The feedback circuit structure of claim 2, wherein the structure further comprises a conductive cap plugged into the independent feedback plugging stand for connecting the independent feedback contacts together.

[Claim 4] 4. The feedback circuit structure of claim 1, wherein the structure further comprises a common ground feedback plugging stand disposed on the substrate such that the common ground feedback contacts are coupled to the common ground feedback plugging stand.

[Claim 5] 5. The feedback circuit structure of claim 1, wherein the structure further comprises a conductive material disposed over the independent feedback contacts for electrically connecting various independent feedback contacts together.

[Claim 6] 6. The feedback circuit structure of claim 5, wherein the material constituting the conductive material comprises conductive plastics or solder blocks.

[Claim 7] 7. A backlight module, comprising:

a plurality of lamps, wherein each lamp has a power terminal a feedback terminal;

a driving module, coupled to the power terminals for driving the lamps;

a feedback circuit structure, having:

a substrate;

a plurality of tube contacts, disposed on the substrate, wherein each tube contact is coupled to one of the feedback terminals of the lamps;

a plurality of independent feedback contacts, disposed on the substrate, wherein each independent feedback contact is coupled to one of the tube contacts;

a common ground feedback contact, disposed on the substrate, wherein the common ground feedback contact is coupled to one of the independent feedback contacts; and

a plurality of feedback lines coupling various independent feedback contacts with the driving module.

[Claim 8] 8. The backlight module of claim 7, wherein the module further comprises an independent feedback plugging stand disposed on the substrate such that each independent feedback line is coupled to one of the independent feedback contacts through the independent feedback plugging stand.

[Claim 9] 9. The backlight module of claim 7, wherein the module further comprises a common ground feedback plugging stand disposed on the substrate such that the common ground feedback contacts are coupled to the common ground feedback plugging stand.

[Claim 10] 10. The backlight module of claim 7, wherein the driving module further comprises a mutually coupled powering device and a

feedback controller such that the powering device is coupled to the lamps and the feedback controller is coupled to the feedback lines.

[Claim 11] 11. The backlight module of claim 7, wherein the lamps comprise cold cathode fluorescent lamps.

[Claim 12] 12. A backlight module, comprising:

a plurality of lamps, each having a power terminal and a feedback terminal;

a driving module, coupled to the power terminals for driving the lamps;

a feedback circuit structure, having:

a substrate;

a plurality of tube contacts, disposed on the substrate, wherein each tube contact is coupled to one of the feedback terminals of the lamps;

a plurality of independent feedback contacts, disposed on the substrate, wherein each independent feedback contact is coupled to one of the tube contacts and the independent feedback contacts are mutually connected together;

a common ground feedback contact, disposed on the substrate, wherein the common ground feedback contact is coupled to one of the independent feedback contacts; and

a feedback line, coupling the common ground feedback contact and the driving module.

[Claim 13] 13. The backlight module of claim 12, wherein the module further comprises an independent feedback plugging stand disposed on the substrate such that the independent feedback contacts are coupled to the independent feedback plugging stand.

[Claim 14] 14. The backlight module of claim 13, wherein the module further comprises a conductive cap plugged into the independent feedback plugging stand for connecting the independent feedback contacts together.

[Claim 15] 15. The backlight module of claim 12, wherein the module further comprises a common ground feedback plugging stand disposed on the substrate such that the feedback lines are

coupled to the common ground feedback contacts through the common ground feedback plugging stand.

[Claim 16] 16. The backlight module of claim 12, wherein the module further comprises a conductive material disposed on the independent feedback contacts for electrically connecting various independent feedback contacts together.

[Claim 17] 17. The backlight module of claim 16, wherein the material constituting the conductive material comprises conductive plastics or solder blocks.

[Claim 18] 18. The backlight module of claim 12, wherein the driving module further comprises a mutually coupled powering device and a feedback controller such that the powering device is coupled to the lamps and the feedback controller is coupled to the feedback lines.

[Claim 19] 19. The backlight module of claim 12, wherein the lamps comprises cold cathode fluorescent lamps.